
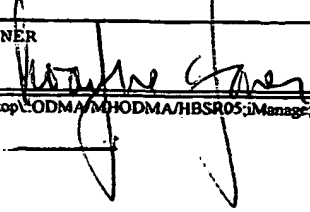


PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 3258.1000-004	APPLICATION NO. 10/679,040	
 <p>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</p> <p>May 17, 2004</p> <p>(Use several sheets if necessary)</p>		FIRST NAMED INVENTOR Mitchell P. Fink		FILING DATE October 3, 2003
		EXAMINER Not Yet Assigned	CONFIRMATION NO. 1662	GROUP 1614

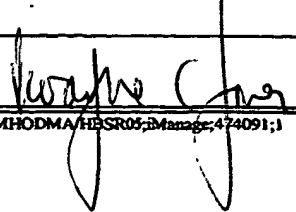
## U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AA	5,354,771	10-NOV-1994	Walser
	AB	5,210,098	05-NOV-1993	Nath
	AC	5,798,388	25-AUG-98	Katz
	AD	5,952,384	14-SEP-99	Katz
	AE	6,051,609	18-APR-00	Yu <i>et al.</i>
	AF	5,665,776	09-SEP-97	Yu <i>et al.</i>
	AG	5,621,006	15-APR-97	Yu <i>et al.</i>
	AH	5,561,157	01-OCT-96	Yu <i>et al.</i>
	AI	5,091,171	25-FEB-92	Yu <i>et al.</i>
	AJ	5,968,727	19-OCT-99	Brunengraber <i>et al.</i>
	AK	5,876,916	02-MAR-99	Brunengraber <i>et al.</i>
	AA2	5,667,962	16-SEP-97	Brunengraber <i>et al.</i>
	AB2	6,086,789	11-JUL-00	Brunengraber <i>et al.</i>
	AC2	5,939,459	17-AUG-99	Katz
	AD2	5,648,380	15-JUL-97	Martin
	AE2	5,652,274	29-JUL-97	Martin
	AF2	5,658,957	19-AUG-97	Martin
	AG2	5,658,956	19-AUG-97	Martin <i>et al.</i>
	AH2	5,981,606	09-NOV-99	Martin
	AI2	5,100,677	31-MAR-92	Veech
	AJ2	5,674,912	07-OCT-97	Martin
	AK2	5,874,479	23-FEB-99	Martin
	AA3	5,238,684	08-24-1993	Fregly <i>et al.</i>
	AB3	5,756,469	05-26-1998	Beale
	AC3	4,663,166	05-05-1987	Veech
	AD3	5,744,498	28-APR-98	Stanko

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W	AE3	5,702,880	30-DEC-97	Segall <i>et al.</i>
	AF3	5,612,374	18-MAR-97	Stanko
	AG3	4,981,687	01-JAN-91	Fregly <i>et al.</i>
	AH3	6,143,784	07-NOV-00	Greenhaff <i>et al.</i>
	AI3	5,580,902	03-DEC-96	Yu <i>et al.</i>
	AJ3	3,988,470	26-OCT-76	Van Scott <i>et al.</i>
	AK3	3,920,835	18-NOV-75	Van Scott <i>et al.</i>
	AA4	3,984,556	05-OCT-76	Hardtmann
	AB4	4,548,937	22-OCT-85	Stanko
	AC4	5,134,162	28-JUL-92	Stanko
	AD4	4,645,764	24-FEB-87	Stanko
	AE4	4,812,479	14-MAR-89	Stanko
	AF4	4,874,790	17-OCT-89	Stanko
	AG4	4,415,576	15-NOV-83	Stanko
	AH4	4,351,835	28-SEP-82	Stanko
	AI4	5,294,641	15 Mar 94	Stanko
	AJ4	4,988,515	29 Jan 91	Buckberg
	AK4	5,075,210	24 Dec 91	Wikman-Coffelt
	AA5	5,633,285	27 May 97	Martin
	AB5	5,066,578	19 Nov 91	Wikman-Coffelt
	AC5	5,714,515	3 Feb 98	Bunger
	AD5	5,536,751	16 Jul 96	Bunger
	AE5	5,801,198	1 Sep 98	Stanko, <i>et al.</i>
	AF5	5,480,909	2 Jan 96	Stanko
	AG5	5,147,650	15 Sep 92	Fregly, <i>et al.</i>
V	AH5	5,256,697	26 Oct 93	Miller, <i>et al.</i>

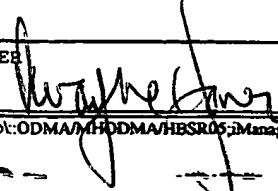
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	<b>EXAMINER</b> Not Yet Assigned		<b>CONFIRMATION NO.</b> 1662	<b>GROUP</b> 1614









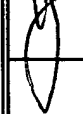
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✓	AI5	5,312,985	17 May 94	Dhaon, <i>et al.</i>
✓	AJ5	5,395,822	7 Mar 95	Izumi, <i>et al.</i>
✓	AK5	5,472,980	5 Dec 95	Miller
✓	AA6	5,508,308	16 Apr 96	Miller, <i>et al.</i>
✓	AB6	5,843,024	1 Dec 98	Brasile
✓	AC6	5,863,938	26 Jan 99	Martin
✓	AD6	4,970,143	13 Nov 90	Guidoux, <i>et al.</i>

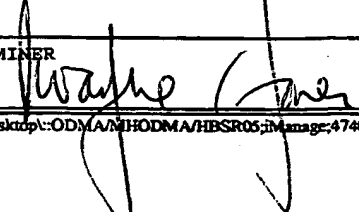
FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO
✓	AL	EP 0 345 082 A2	12-06-1989	Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo, <i>et al.</i>	
✓	AM	WO 01/24793 A1	04-12-2001	Masstrace, Inc. <i>et al.</i>	
✓	AN	WO 00/69431	11-23-2000	Cellular Sciences, Inc. <i>et al.</i>	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
✓	AR	Banda, M.A. and Granger, D.N., "Mechanism and Protection from Ischemic Intestinal Injury," <i>Transplantation Proceedings</i> , 28:2595-2597 (1996).
✓	AS	Cicalese, L., <i>et al.</i> , "Pyruvate Prevents Ischemia-Reperfusion Mucosal Injury of Rat Small Intestine," <i>Amer. J. of Surg.</i> , 171:97-100; discussion 100-101 (1996).
✓	AT	Crestanello, J.A., <i>et al.</i> , "Pyruvate Improves Myocardial Tolerance to Reperfusion Injury by Acting as an Antioxidant: A Chemiluminescence Study," <i>Surgery</i> , 124:92-99 (1998).

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AU	DeBoer, L.W., et al., "Pyruvate Enhances Recovery of Rat Hearts After Ischemia and Reperfusion by Preventing Free Radical Generation," <i>American Journal of Physiology</i> , 265:H1571-H1576 (1993).
	AV	Kurose, I., et al., "Ischemia/Reperfusion-Induced Microvascular Dysfunction: Role of Oxidants and Lipid Mediators," <i>Amer. J. Physiol.</i> , 272:H2976-H2982 (1997).
	AW	Margolis, S.A. and Coxon, B., "Identification and Quantitation of the Impurities in Sodium Pyruvate," <i>Analytical Chemistry</i> , 58:2504-2510 (1986).
	AX	O'Donnell-Torney, J., et al., "Secretion of Pyruvate. An Antioxidant Defense of Mammalian Cells," <i>J. of Experimental Medicine</i> , 165:500-514 (1987).
	AY	Perera, A., et al., "High Resolution <sup>1</sup> H NMR Investigations of the Reactivities of Alpha-Keto Acid Anions with Hydrogen Peroxide," <i>Free Radical Research</i> , 26:145-157 (1997).
	AZ	Salahudeen, A.K., et al., "Hydrogen Peroxide-induced Renal Injury: A Protective Role for Pyruvate In Vitro and In Vivo," <i>Journal of Clinical Investigation</i> , 88:1886-1893 (1991).
	AR2	Sawyer, D.T., et al., "Reactivity of Superoxide Ion with Ethyl Pyruvate, $\alpha$ -Diketones, and Benzil in Dimethylformamide," <i>Journal of Organic Chemistry</i> , 48:3733-3736 (1983).
	AS2	Varma, S.D., et al., "Prevention of Intracellular Oxidative Stress to Lens by Pyruvate and Its Ester," <i>Free Radical Research</i> , 28:131-135 (1998).
	AT2	Sims, C.A., et al., "Intravenous Pyruvate and Pyruvate Ethyl Ester Ameliorate Intestinal Mucosal Injury Following Ischemia/Reperfusion," <i>Surgical Forum</i> , Volume L: 246-248 (1999).

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